Focal length: 300mm Exposure: F/8 • 1/160 sec ISO400 WB: Daylight Handheld photography

SP 70-300mm F/4-5.6 Di VC USD for Nikon, Canon
SP 70-300mm F/4-5.6 Di USD for Sony*

(Model A005) Lens designed for digital APS-C, full-frame and 35mm SLR cameras.

TAMRON
New eyes for industry

Made for that instant.

More freedom, easier to use.

A highly specialized XLD lens element for extreme high resolution.

This lens' advanced optical design employs a sophisticated XLD (Extra Low Dispersion) lens element made from specialized high-grade glass that has lower dispersive properties than standard LD lenses (where refraction causes the dispersion of white light into spectral hues). The dispersive properties of the XLD lens are at a level similar to fluorite, and in combination with LD elements make for an optimal optical design that delivers best in class resolution with advanced axial chromatic and magnification aberration correction - major inhibitors of image quality enhancement. The result is a lens that delivers sharp contrast and better descriptive performance throughout the entire zoom range.

Full time manual focus makes fine tuning easy.

All Tamron lenses have high autofocus precision and are designed to capture subjects easily in almost any situation, yet sometimes a photographer wants to fine tune and make adjustments on the fly. The integration of full time manual focus offers just that: instead of fumbling with switches, photographers can switch from autofocus to manual focus by simply adjusting the focus ring. This feature helps the lens produce impressive results even in telephoto situations where the depth of field is narrow.

Cleaner, crisper images without flare or ghosting.

The new BBAR (Broad-Band Anti-Reflection) coatings reduce the lens reflection and dispersion that cause ghosting and flare. The coatings enhance light transmission in both the short and long wavelength ranges, ensuring excellent performance in all photographic conditions. Additionally, internal surface coatings are applied to cemented surfaces of all lens elements to deliver sharp, high-contrast images and flawless color reproduction.

Full-frame sensor for ultimate versatility.

The SP 70-300mm F/4-5.6 Di VC USD is one of Tamron's Di (Digitally Integrated) designs. The Di Series is the mark of Tamron's lenses that are versatile enough to use on digital APS-C, full-frame and 35mm SLR cameras.

Full-frame digital SLR/35mm film camera

70mm

300mm

APS-C size camera

70mm (equivalent to 109mm)

300mm (equivalent to 465mm)

Tamron's conversion value is 1.55 x

⚠ **Caution:** Please read the instruction manual carefully before using the lens.

A05-EG-111M-1004-0140

TAMRON® *Manufacturer of precise and sophisticated optical products for a broad range of industries.*

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November of 2010 marks Tamron's 60th anniversary.

Head Office

Quality Assurance Activities: At Tamron, quality management activities are performed in compliance with ISO9001:2000 not only to assure product quality but to enhance customer satisfaction.

Environmental Protection: We recognize the significance of our social responsibilities. Tamron promotes corporate activities that protect the earth's environment through the establishment of a quality assurance system that is compliant with ISO14001.

The new Tamron SP 70-300mm F/4-5.6 Di VC USD. Featuring an XLD lens element delivering best in class resolution in a fast, easy to use package that includes VC image stabilization and Tamron's new Ultrasonic Silent Drive USD.

Compatible mounts: Nikon, Canon, Sony
The Sony mount does not include the VC image stabilization functionality, as most Sony digital SLR Cameras include an image stabiliser.
Di (Digitally Integrated) lens designed for digital APS-C, full-frame and 35mm SLR cameras.

www.tamron.eu

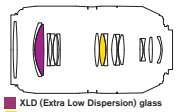
NEW
70 mm ⟷ 300 mm
VC·USD

EN

SP 70-300mm F/4-5.6 Di VC USD for Nikon, Canon
SP 70-300mm F/4-5.6 Di USD for Sony**

(Model A005) Lens designed for digital APS-C, full-frame and 35mm SLR cameras.

Model	A005	Length	142,7mm*
Focal Length	70-300mm	Diameter	81,5mm
Maximum Aperture	F/4-5,6	Weight	765g*
Angle of View (diagonal)	34°21' – 8°15'	Diaphragm Blade Number	9
Lens Construction	17 elements in 12 groups	Minimum Aperture	F/32-45
Minimum Focus Distance	1,5m	Standard Accessory	Flower-shaped lens hood
Max. Magnification Ratio	1:4	Compatible Mounts	Nikon, Canon, Sony**
Filter Thread	62mm		



XLD (Extra Low Dispersion) glass
LD (Low Dispersion) glass

* Length and weight values given are for the Nikon mount. Specifications, appearance, functionality, etc., may be changed without prior notice.
** The Sony mount does not include the VC image stabilization functionality, as the body of Sony digital SLR cameras include image stabilization functionality.

Dynamic shots require dynamic lenses.

Focal length: 300mm (equivalent to 465mm) Exposure: F/5.6 Wide open 1/1000 sec ISO400 WB: Daylight
Handheld photography (Digital SLR camera with sensor equivalent to APS-C size)

Focal length: 70mm (equivalent to 109mm) Exposure: F/7.1 • 1/8 sec ISO800 WB: Daylight
Handheld photography (Digital SLR camera with sensor equivalent to APS-C size)

Focal length: 300mm
Exposure: F/11 1/30 sec
With VC, the photographer can win up to 4 stops in shutter speed.

With an XLD lens element to deliver high resolution, image stabilization and a turbo speed silent autofocus, Tamron's new telephoto zoom makes it easy to capture the most difficult shots. Introducing the new SP 70-300mm F/4-5.6 Di VC USD.

The new optical design of Tamron's advanced telephoto zoom lens delivers a whole new world of possibilities. It allows the photographer to draw the subject close and separate it from its background, creating photographs with spectacular contrast and depth. This lens also boasts Tamron's USD (Ultrasonic Silent Drive) and proprietary VC (Vibration Compensation) image stabilization. It gives the photographer the ability to capture fast moving subjects without blurring even in low light, and its new optical design that employs an XLD (Extra Low Dispersion) lens element made with highly specialized glass delivers crisp, clear images with sharp contrast.

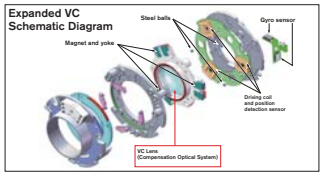
Speed is nothing without stability.

Fast and accurate, without so much as a whisper.

The SP 70-300mm F/4-5.6 Di VC USD is the first to boast Tamron's new USD (Ultrasonic Silent Drive). USD is Tamron's latest autofocus motor technology, converting ultrasonic waves into torque to quietly deliver a new level of focusing precision and speed. Because it's still built on a rotor its full time manual focus is as easy as ever; allowing the photographer smooth manual focusing without having to fumble with a switch. With advanced motor technology and newly developed software, Tamron's USD delivers a practical, precise, noiseless photographic experience at turbo speed. For those dynamic sports shots, moving vehicles, or fast moving subjects, there has never been a better option.

Making telephoto and low light a new medium.

The actuator and algorithms, developed in-house at Tamron, provide the power that gives VC (Vibration Compensation) its excellent tracking performance and smooth, stable viewfinder image. Tamron's VC mechanism employs a three-coil system, whereby the three driving coils activate the shake-compensating VC lens groups electromagnetically via three steel balls. The VC lens elements are held in place only by contact with the steel balls, achieving smooth movement with little friction, helping to eliminate the blur from camera shake for clean shots at night or indoors, or in macro and telephoto photography situations. Handheld was never this easy.



• VC is an abbreviation of Vibration Compensation, and is also available in the18-270mm (B003), 28-300mm (A20) and the 17-50mm (B005) models.